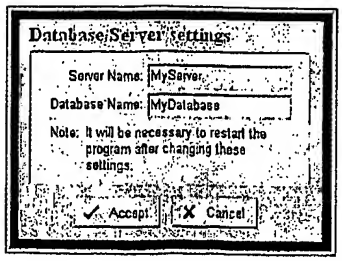
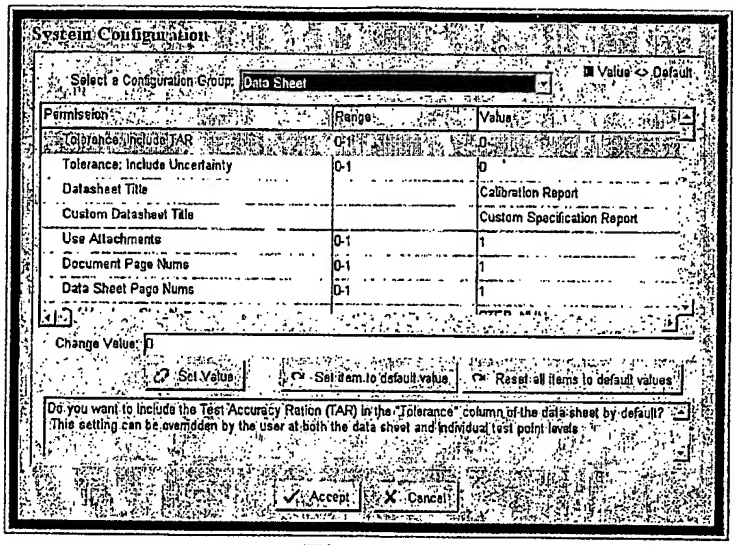


Figure 1



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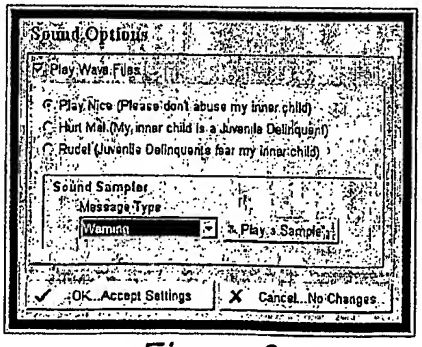

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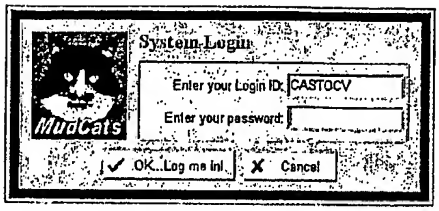

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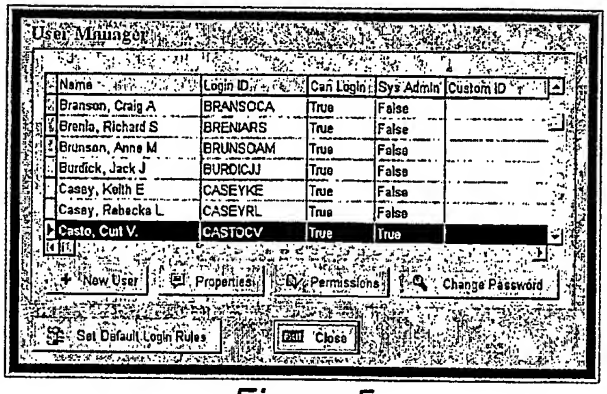

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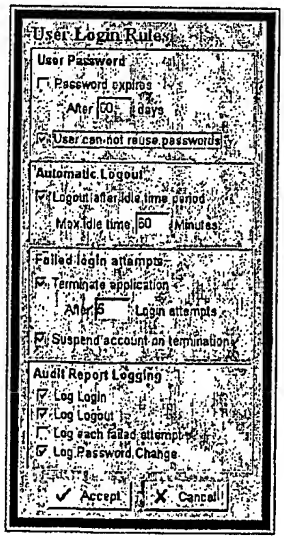

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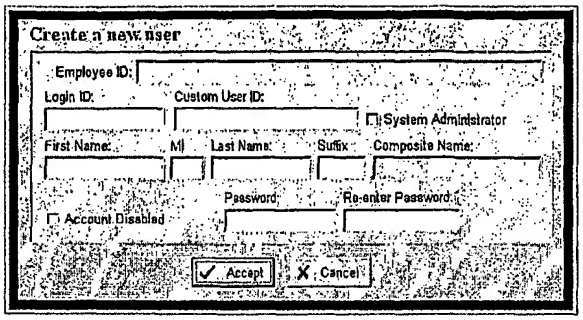

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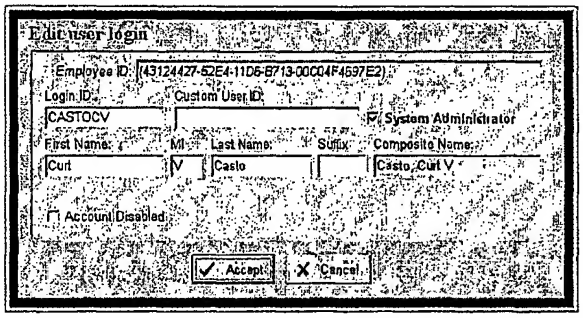

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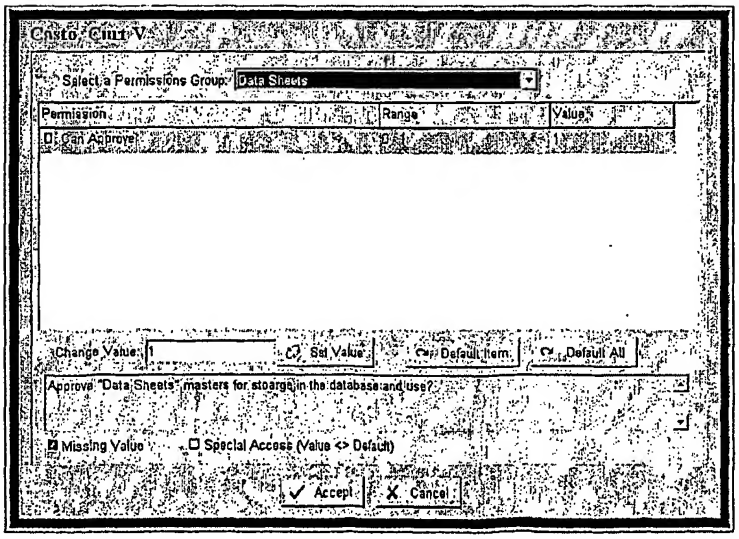

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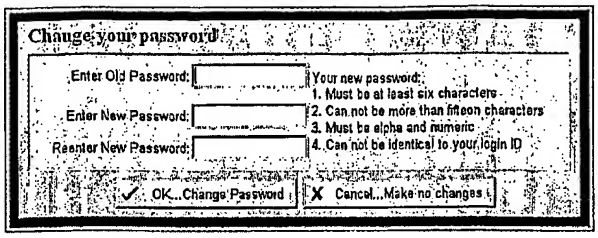

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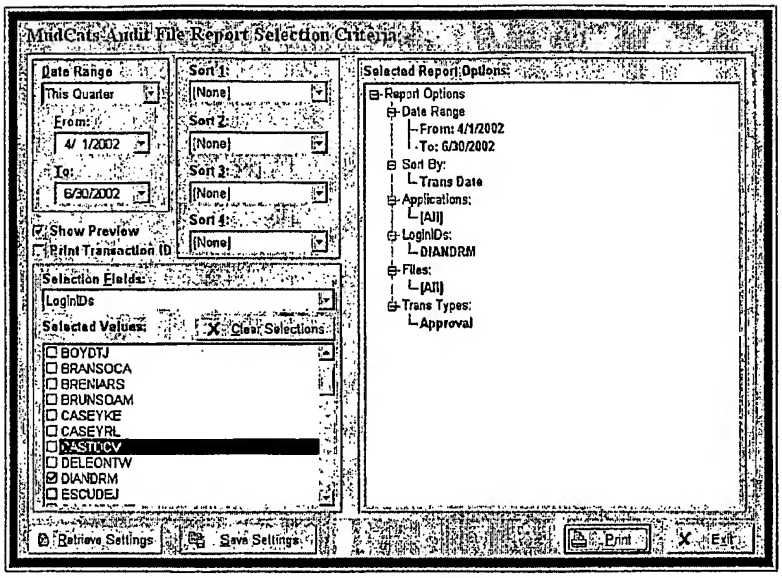

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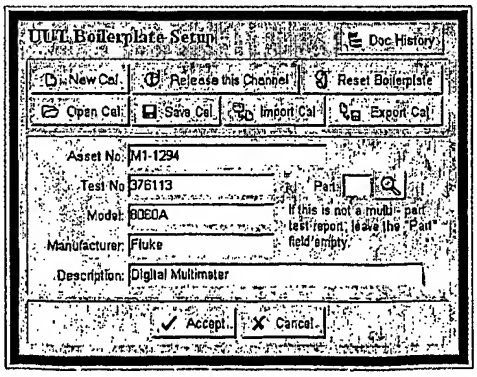

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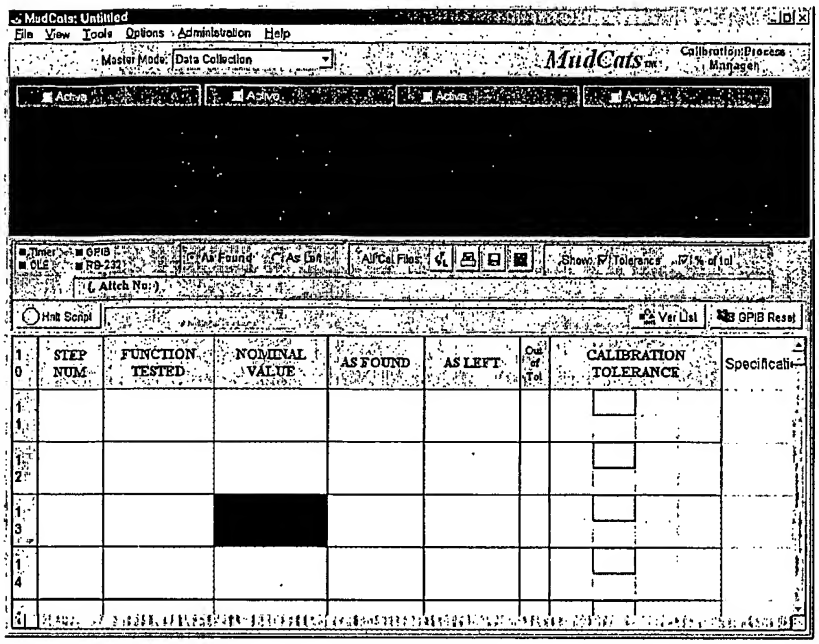

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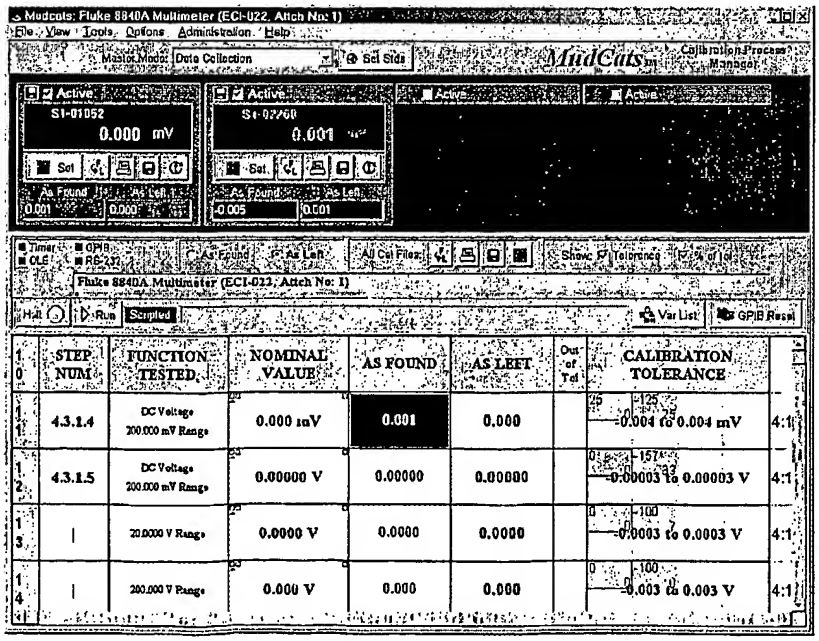


Figure 13

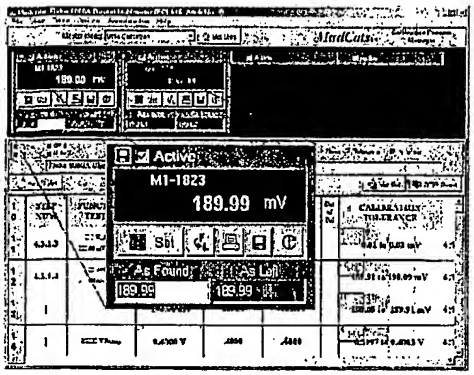
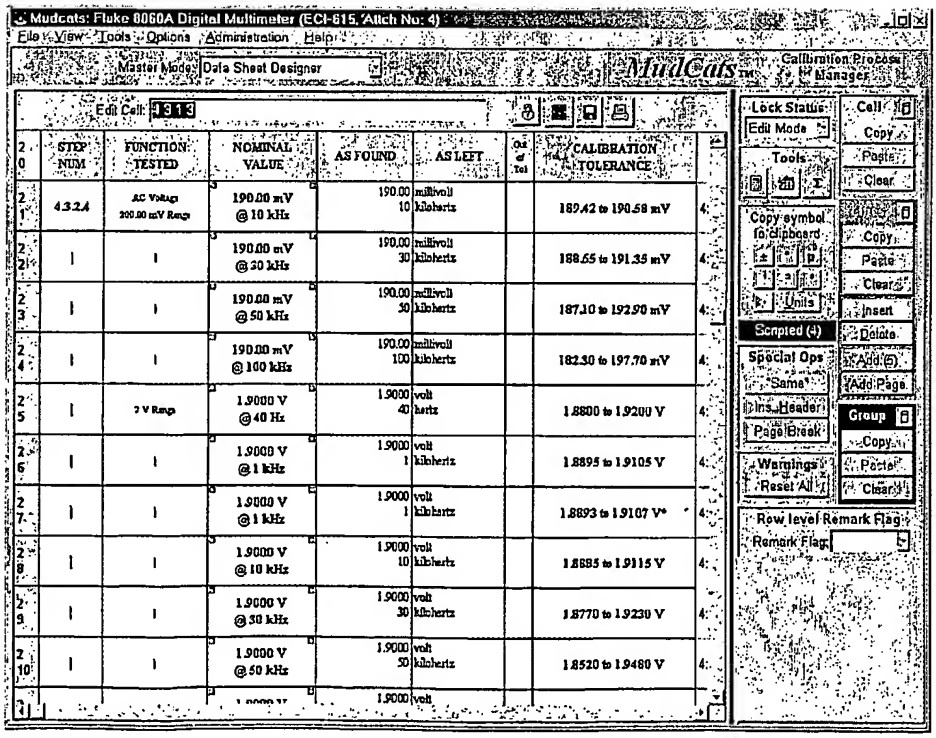


Figure 13A



	STEP NUM	FUNCTION TESTED	NOMINAL VALUE	AS FOUND	AS LEFT	Out of Tol	CALIBRATION TOLERANCE	
20								
21	4.3.2.4	AC Voltage 200.00 mV Range	190.00 mV @ 10 kHz	190.00 millivolt 10 kilohertz			189.42 to 190.58 mV	4:
22	|	|	190.00 mV @ 30 kHz	190.00 millivolt 30 kilohertz			188.65 to 191.35 mV	4:
23	|	|	190.00 mV @ 50 kHz	190.00 millivolt 50 kilohertz			187.10 to 192.90 mV	4:
24	|	|	190.00 mV @ 100 kHz	190.00 millivolt 100 kilohertz			182.30 to 197.70 mV	4:
25	|	2 V Range	1.9000 V @ 40 Hz	1.9000 volt 40 hertz			1.8800 to 1.9200 V	4:
26	|	|	1.9000 V @ 1 kHz	1.9000 volt 1 kilohertz			1.8895 to 1.9105 V	4:
27	|	|	1.9000 V @ 1 kHz	1.9000 volt 1 kilohertz			1.8893 to 1.9107 V*	4:
28	|	|	1.9000 V @ 10 kHz	1.9000 volt 10 kilohertz			1.8885 to 1.9115 V	4:
29	|	|	1.9000 V @ 30 kHz	1.9000 volt 30 kilohertz			1.8770 to 1.9230 V	4:
210	|	|	1.9000 V @ 50 kHz	1.9000 volt 50 kilohertz			1.8520 to 1.9480 V	4:
211				1.9000 volt				

Figure 15

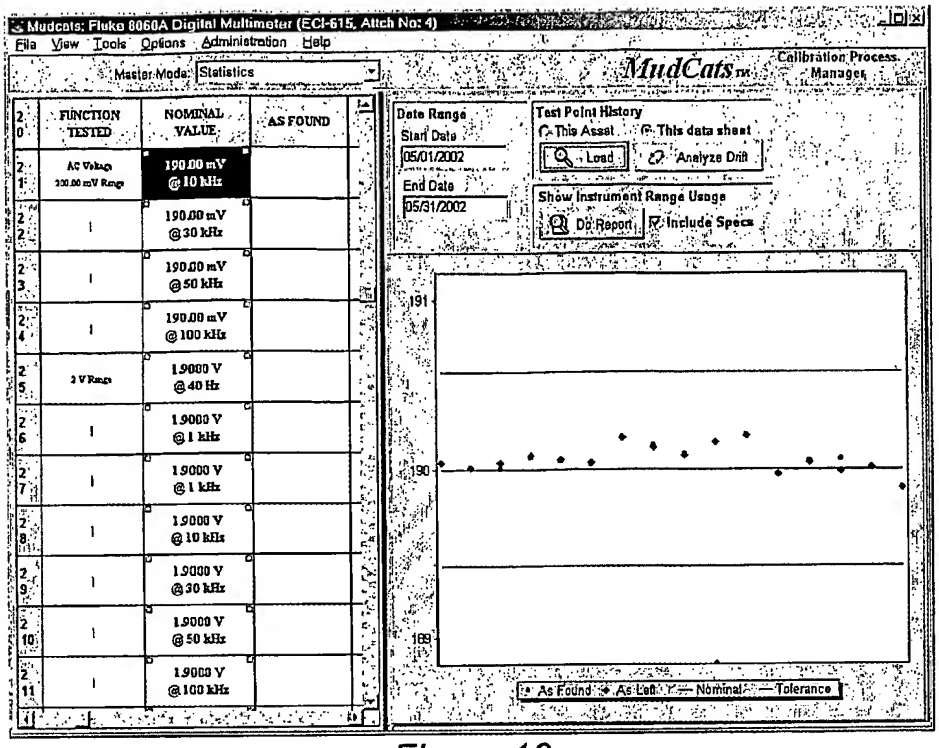


Figure 16

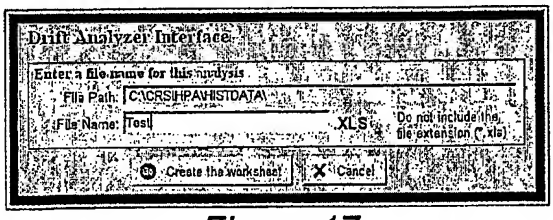


Figure 17

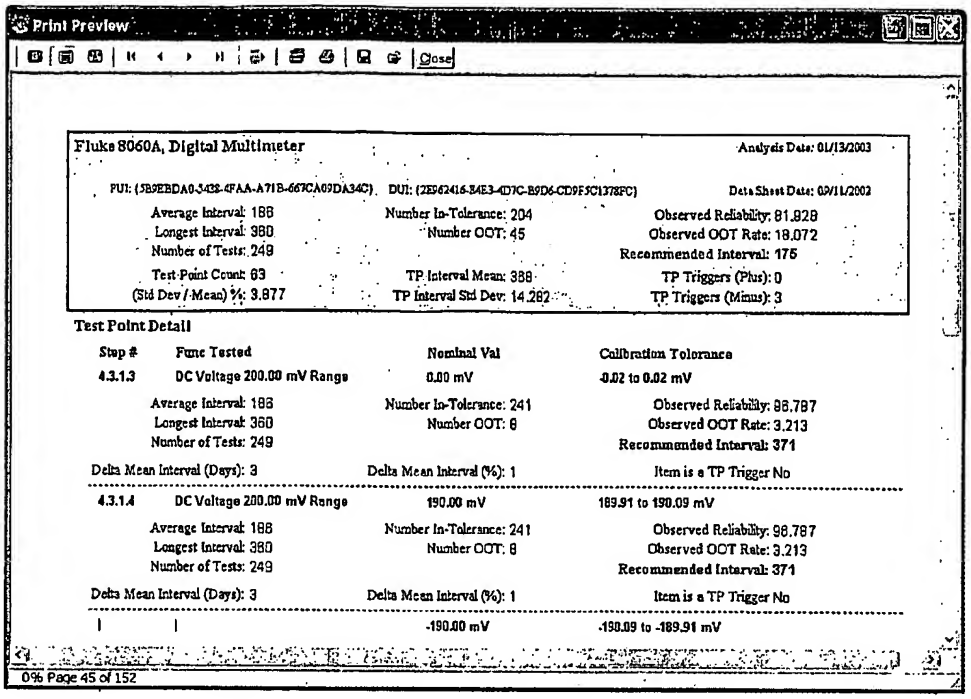


Figure 17A

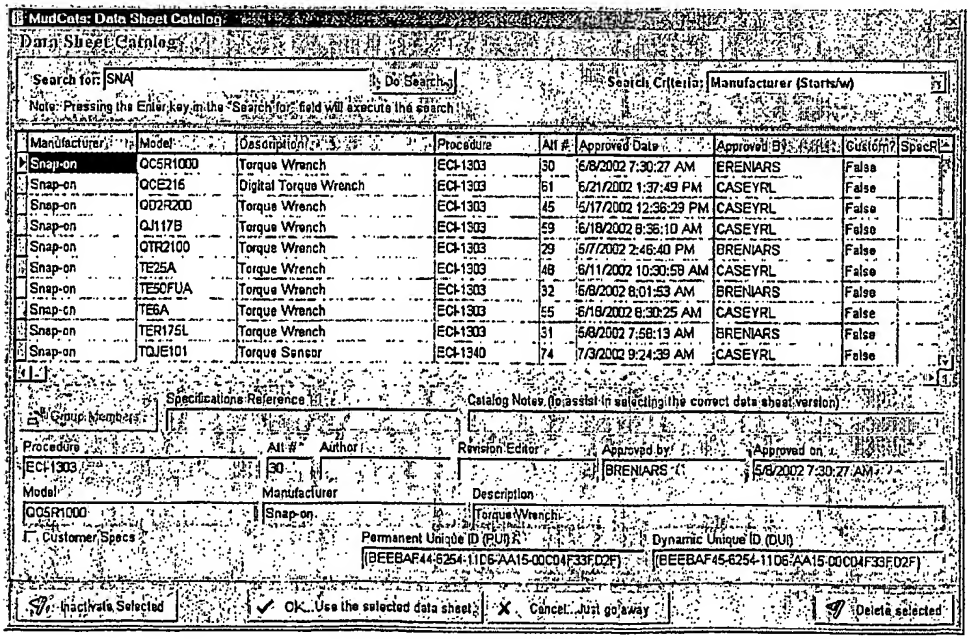
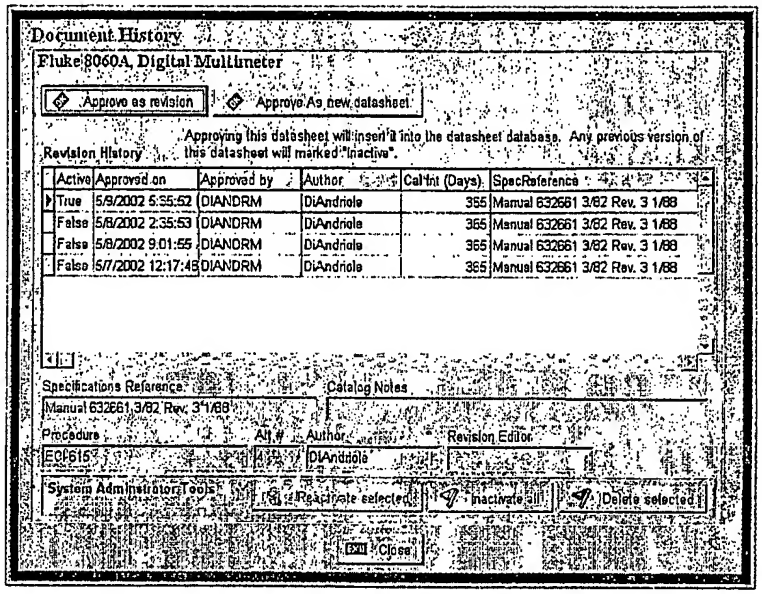


Figure 18



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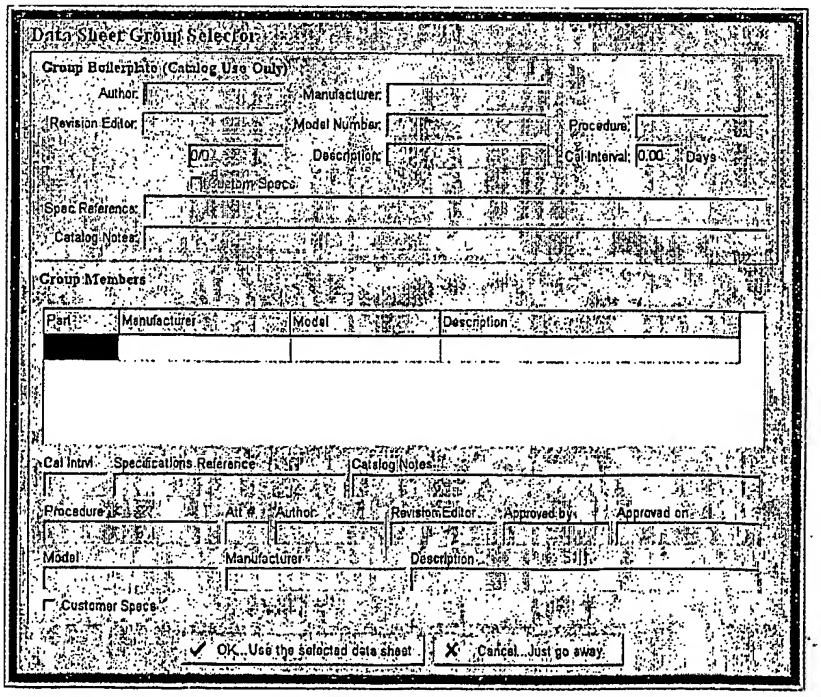
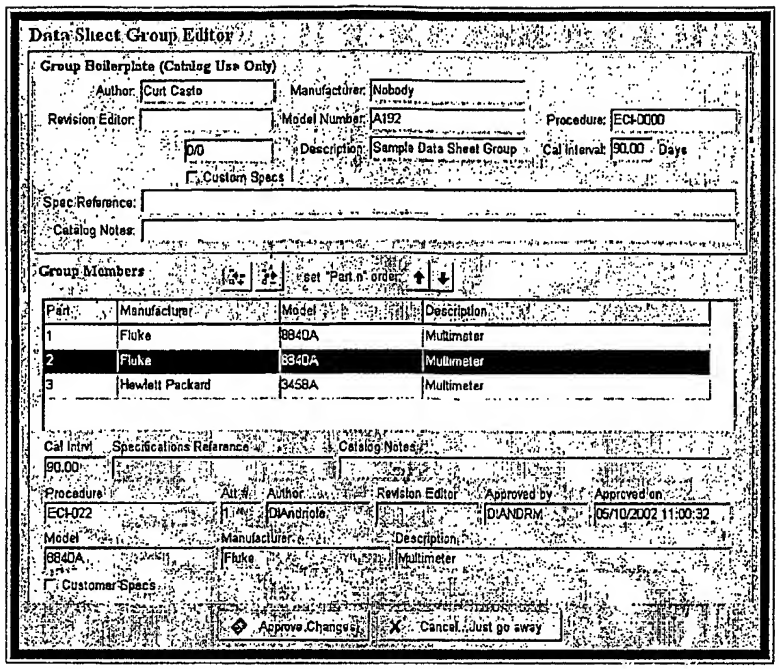


Figure 20



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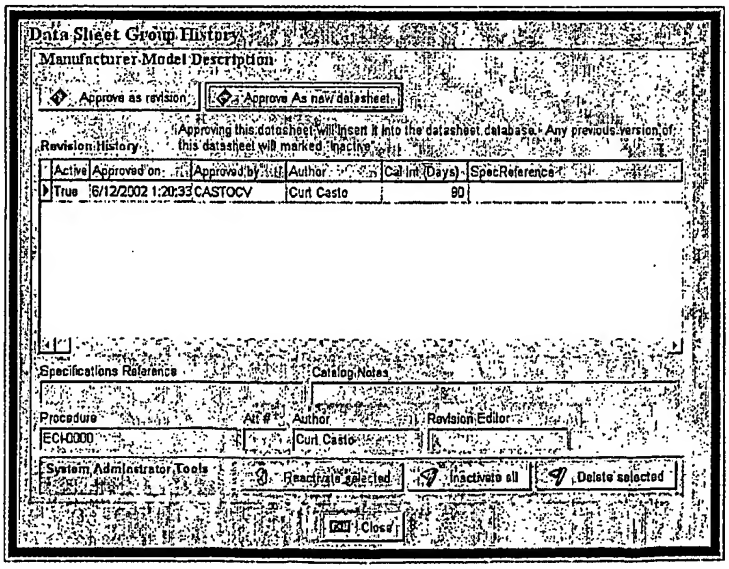


Figure 22

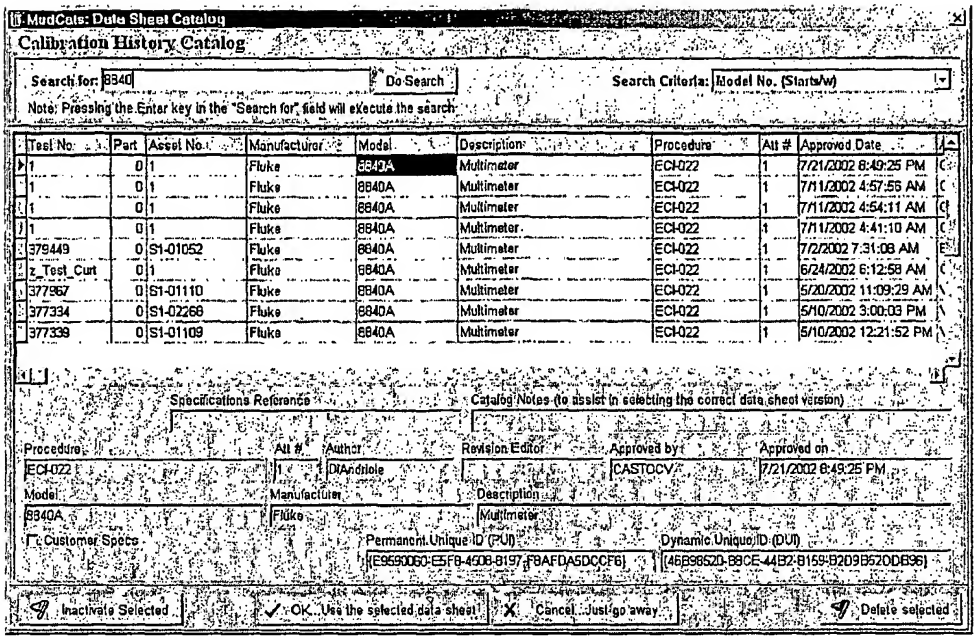


Figure 23

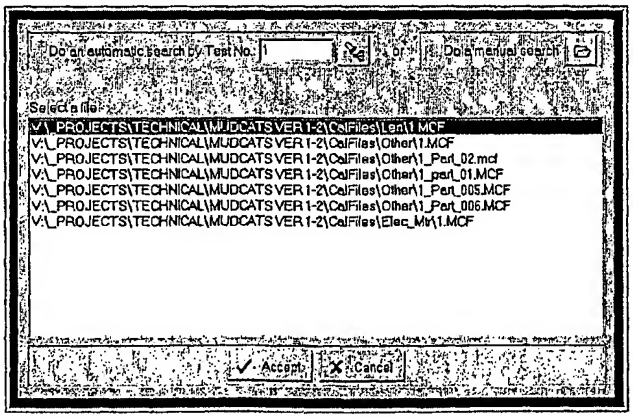
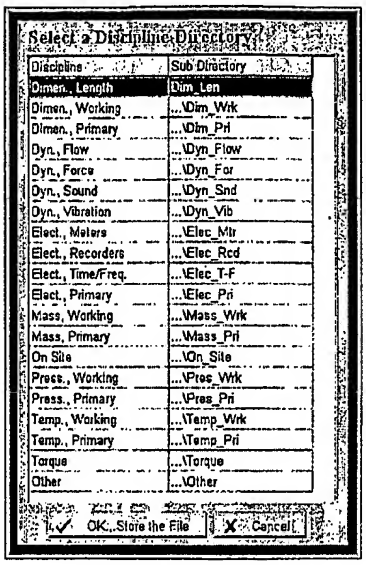


Figure 24

Figure 25



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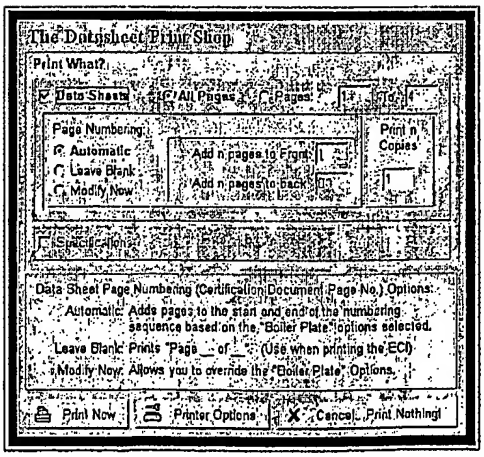

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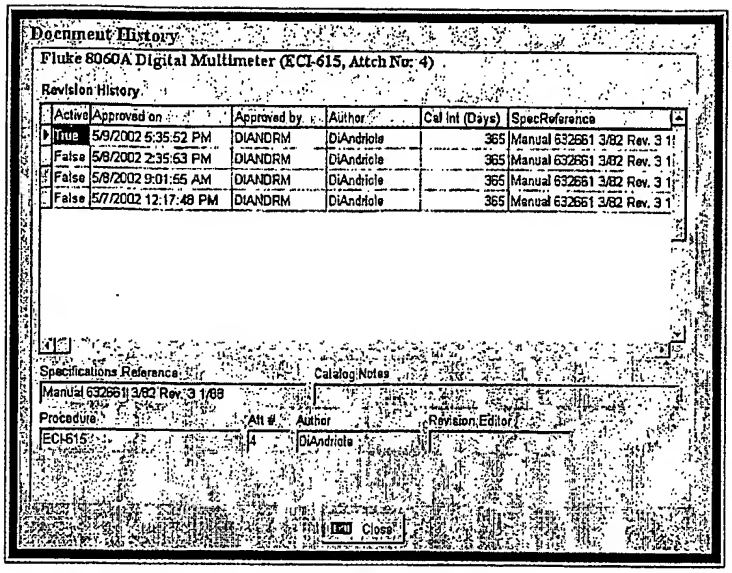

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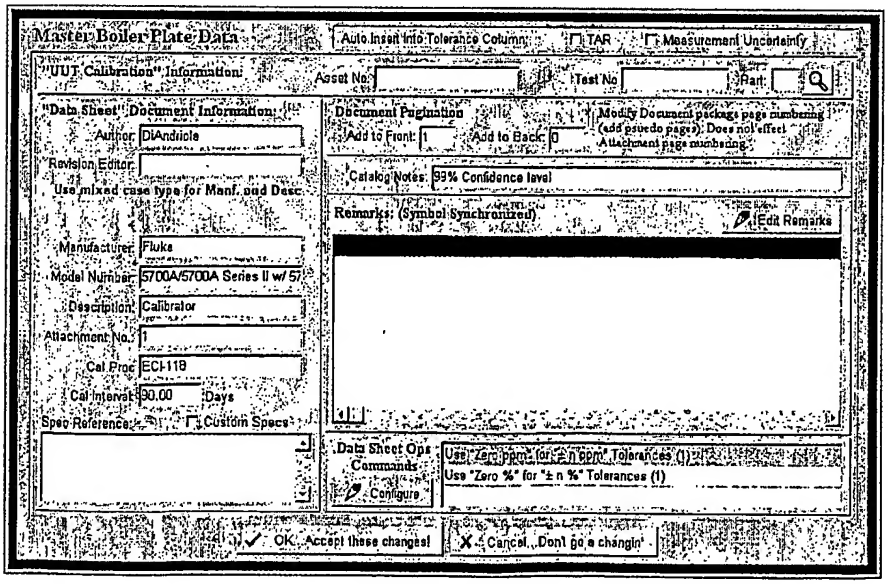

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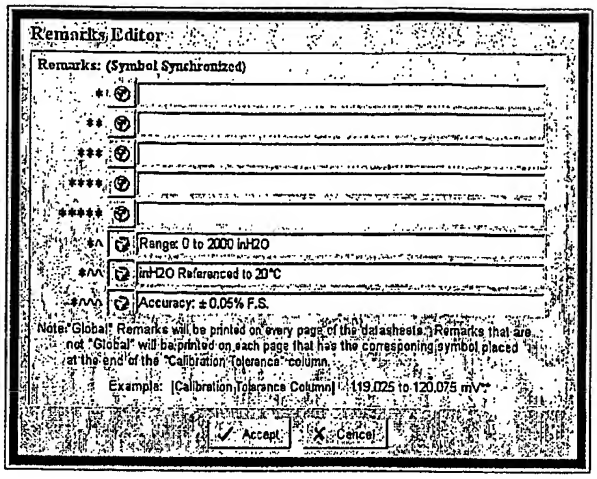
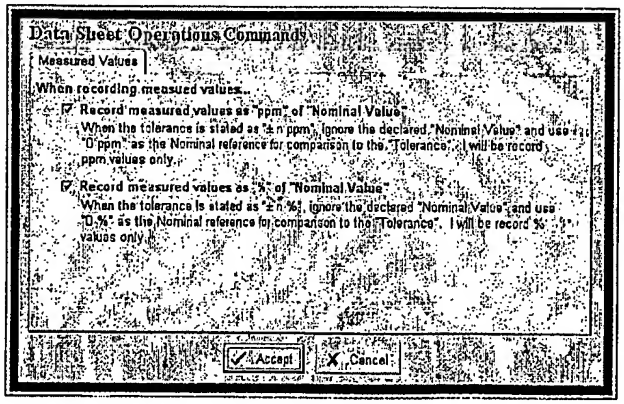


Figure 30



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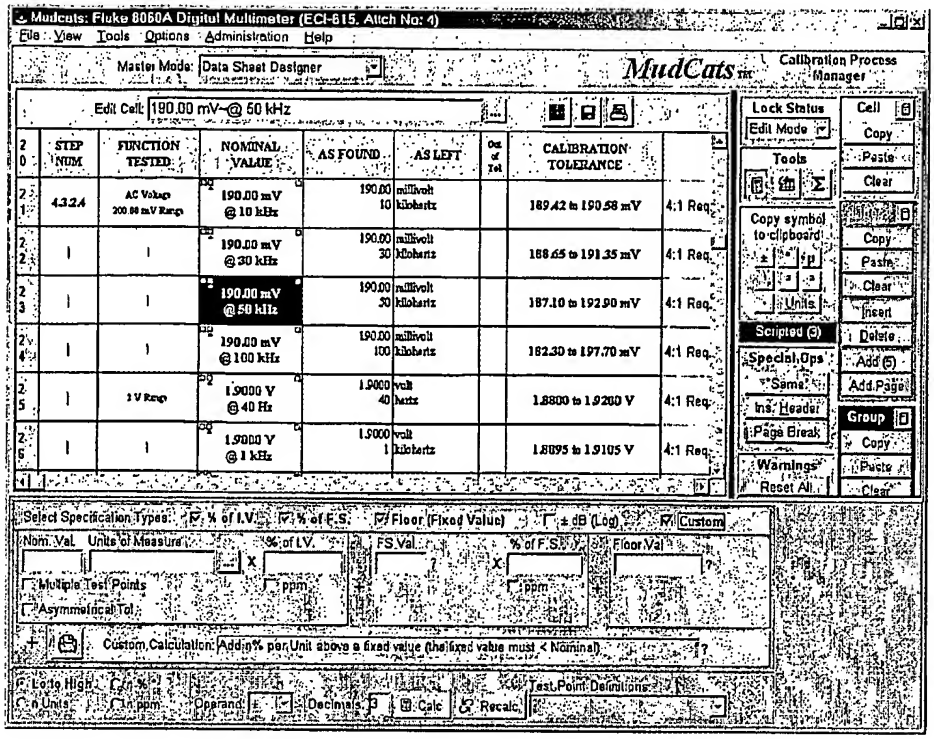

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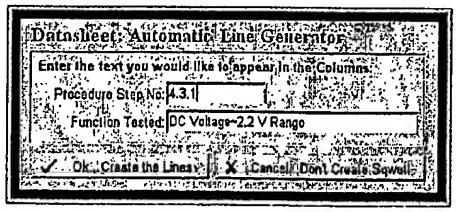

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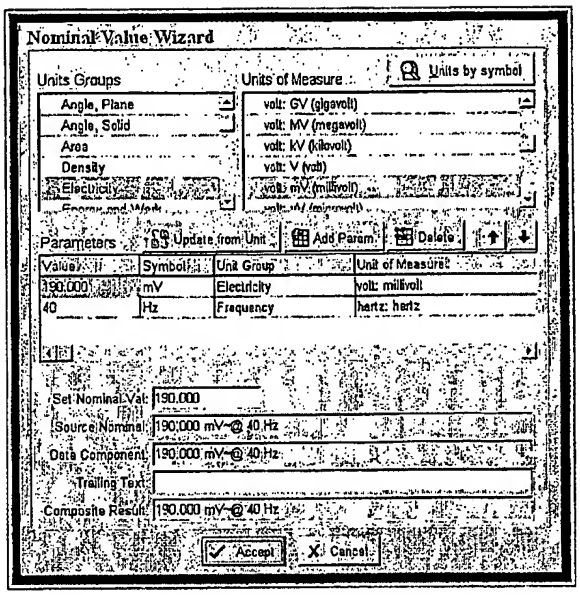

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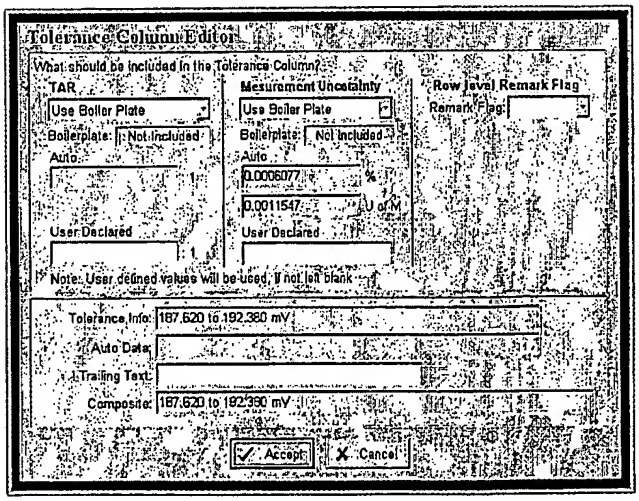

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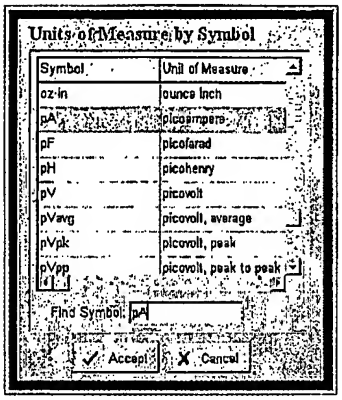

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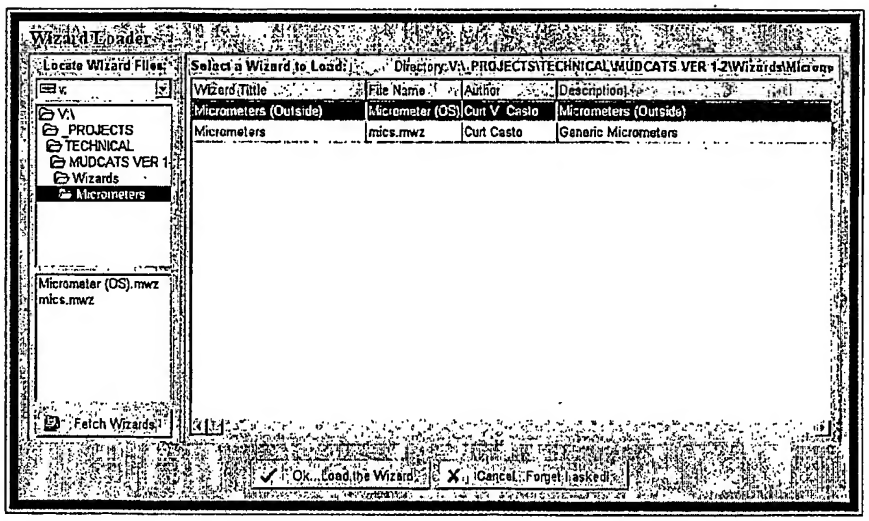

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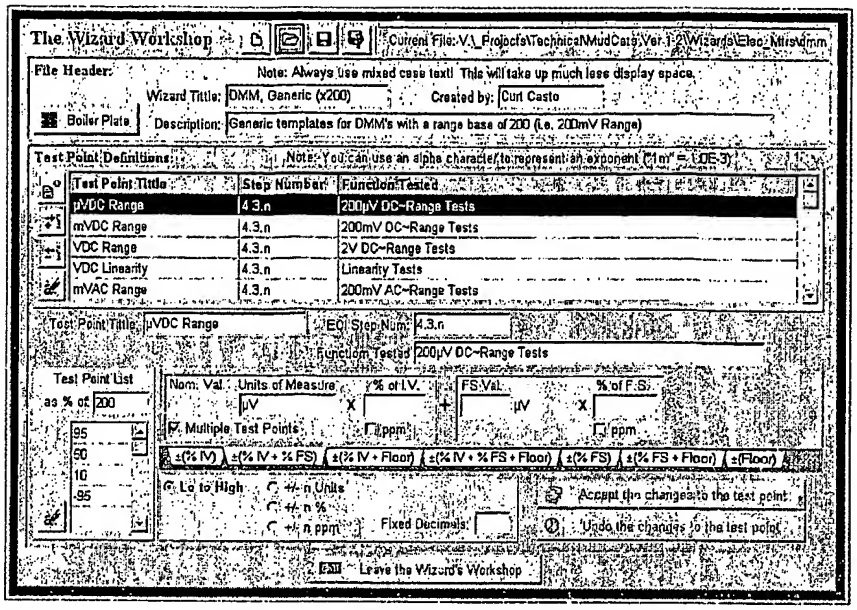

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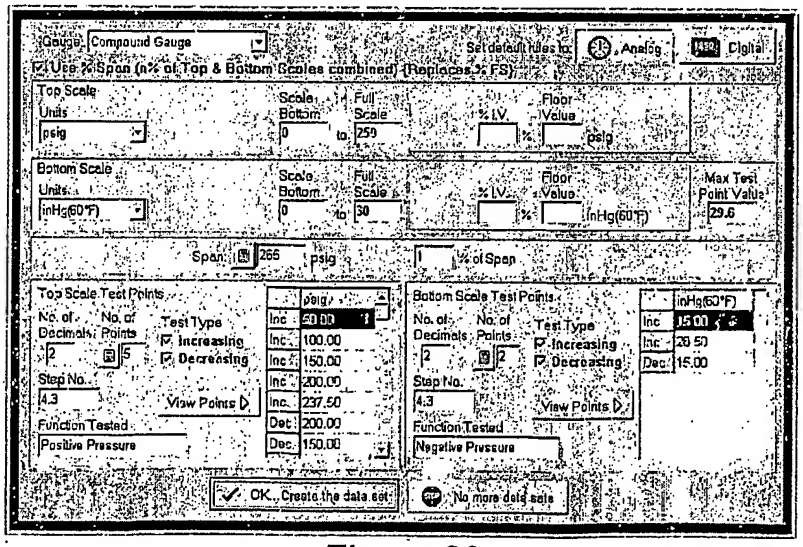

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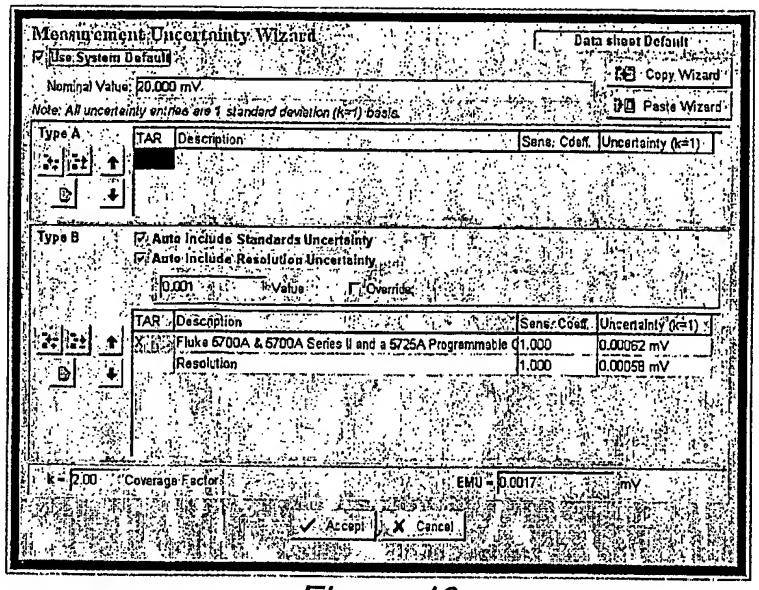

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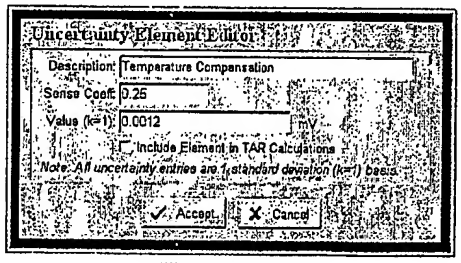
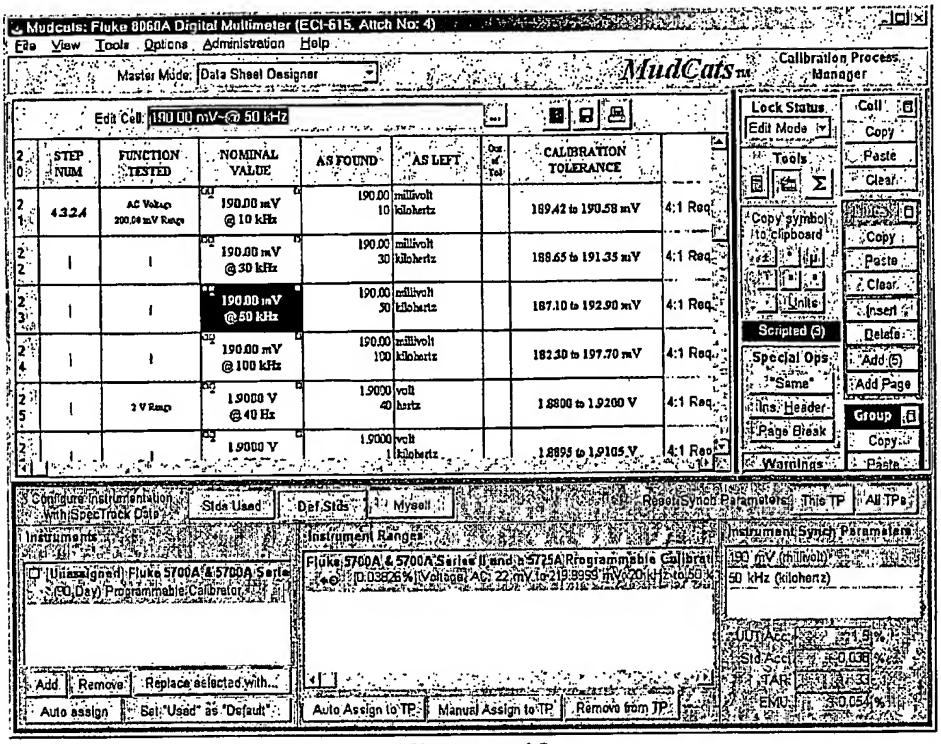


Figure 41



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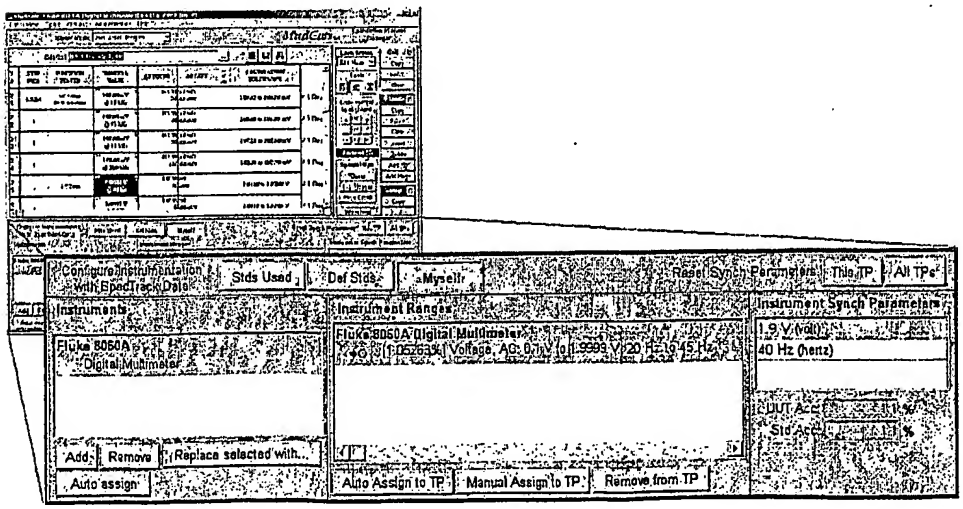
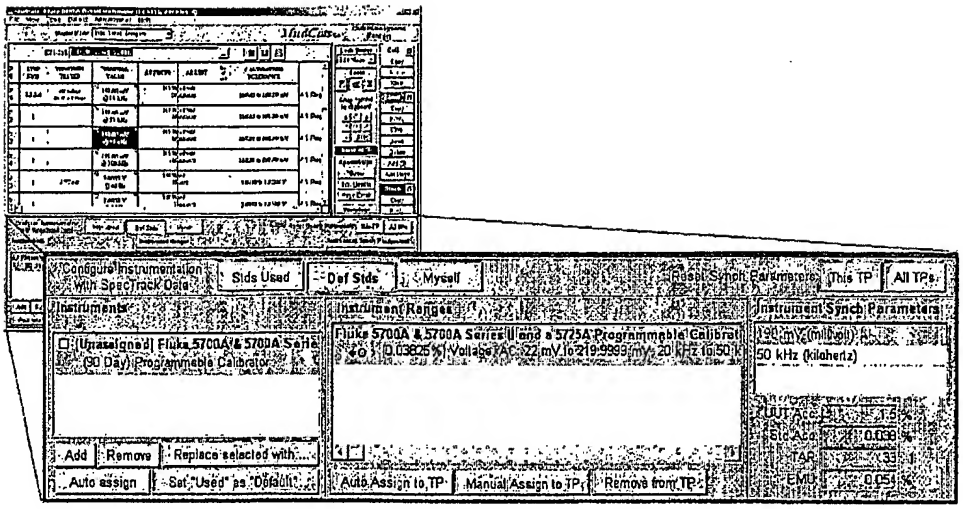


Figure 43



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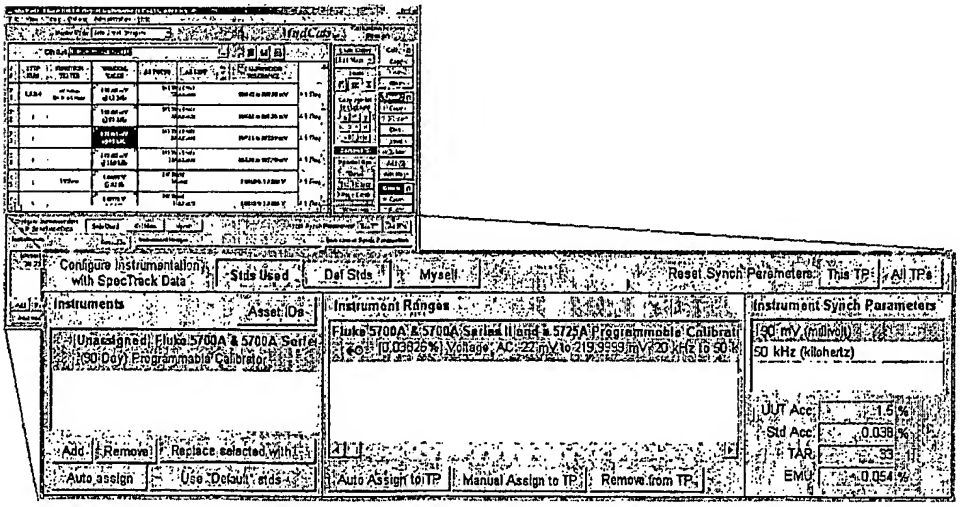

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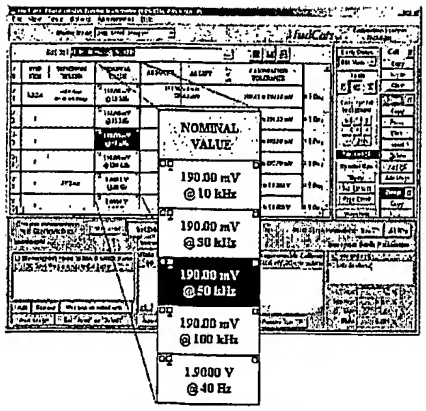

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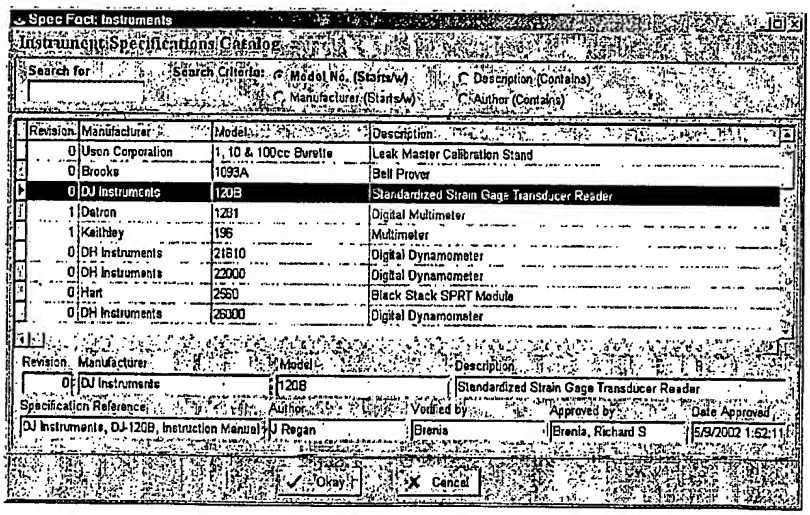


Figure 47

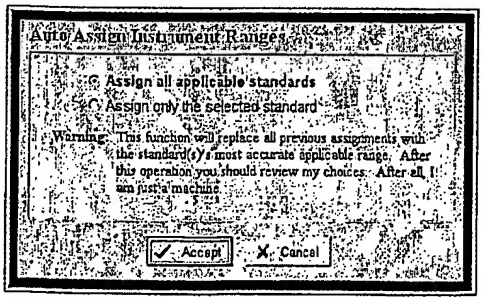


Figure 48

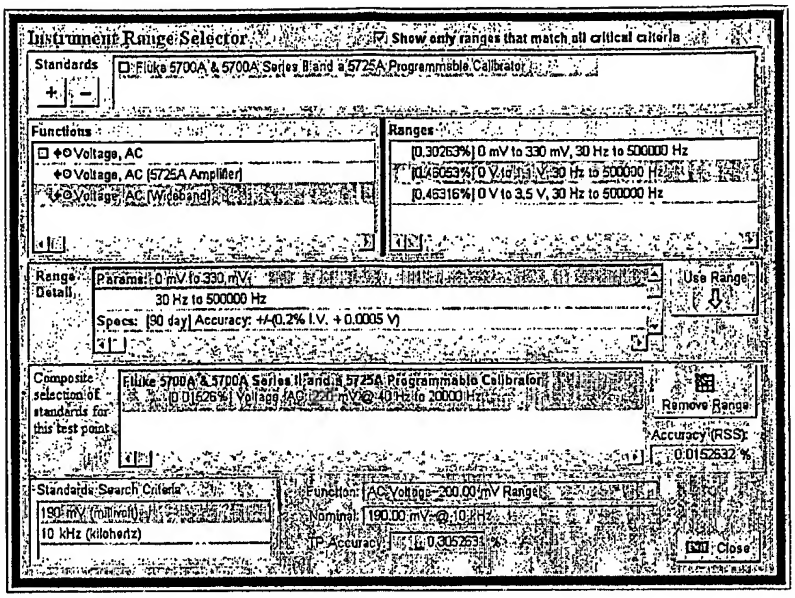


Figure 49

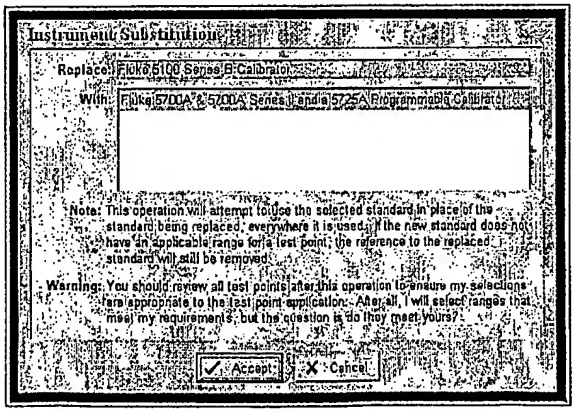
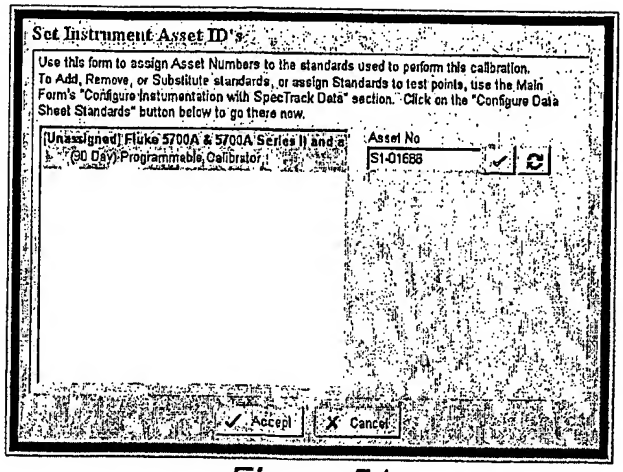


Figure 50



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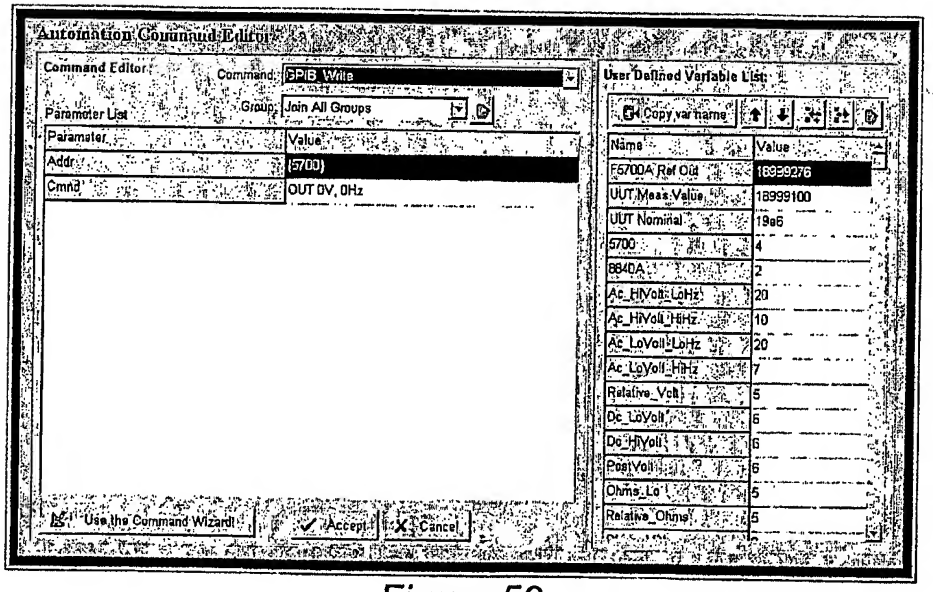
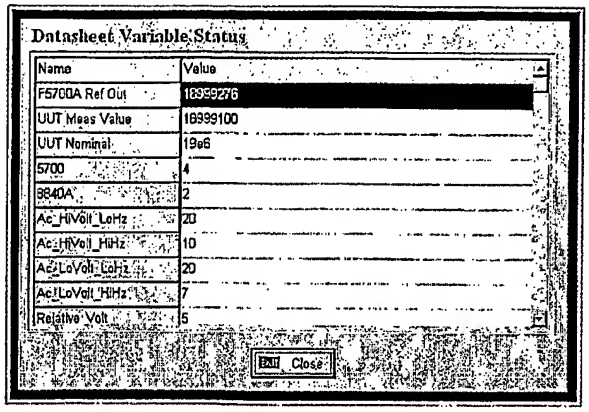


Figure 52



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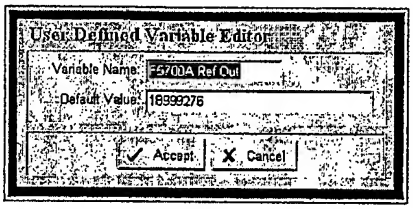

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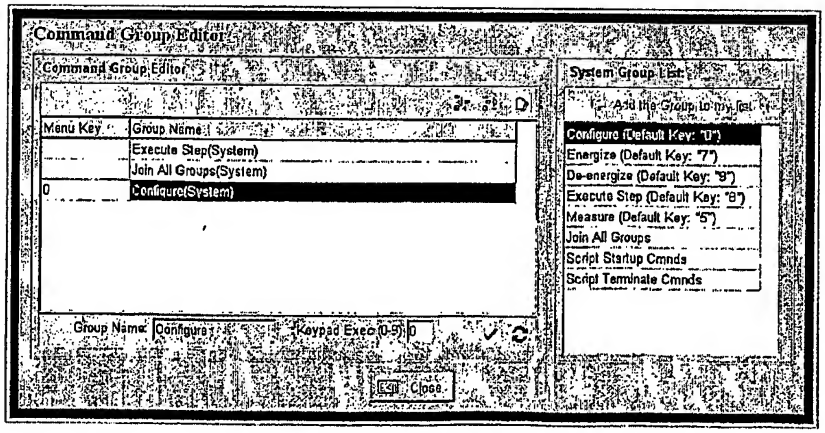
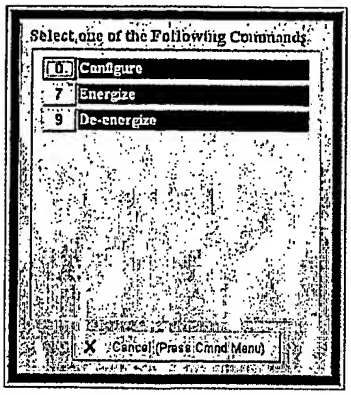


Figure 55



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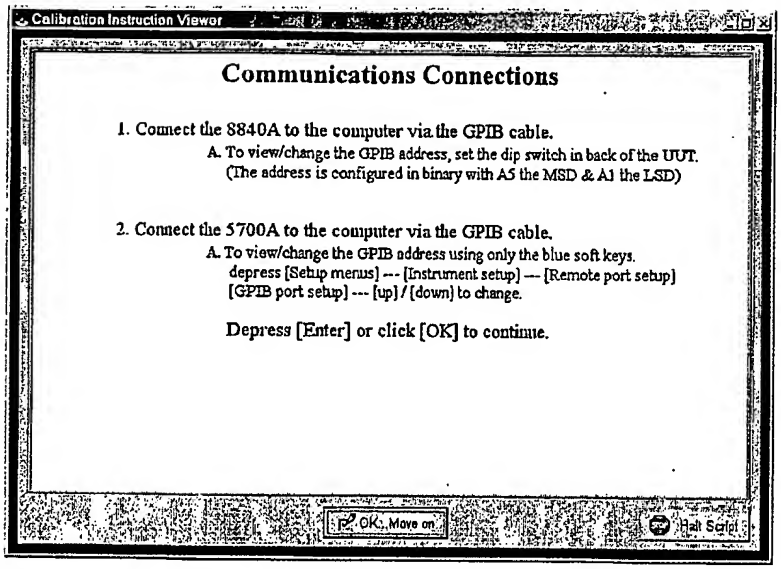

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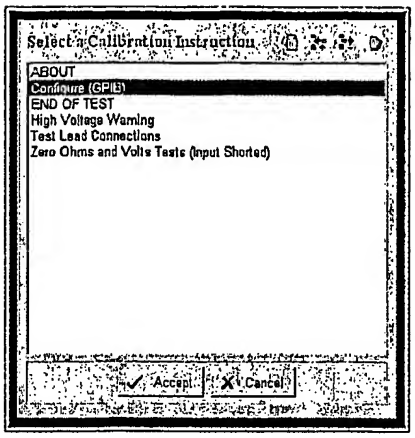

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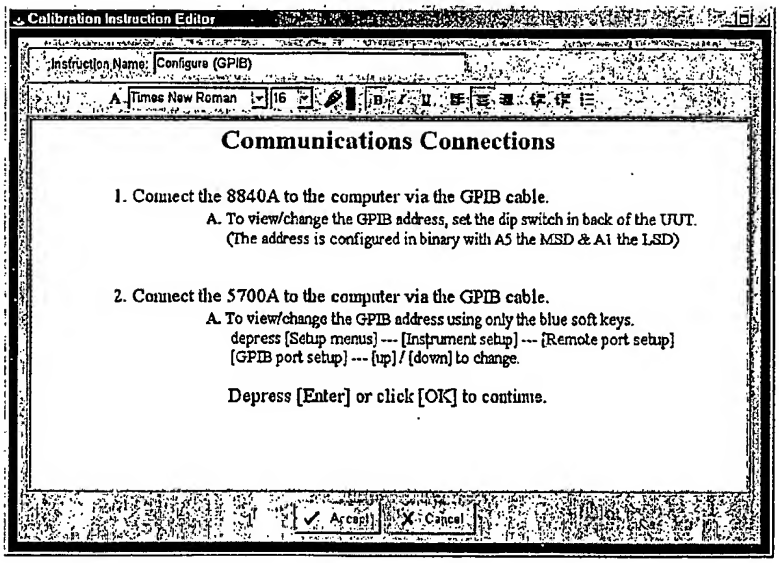

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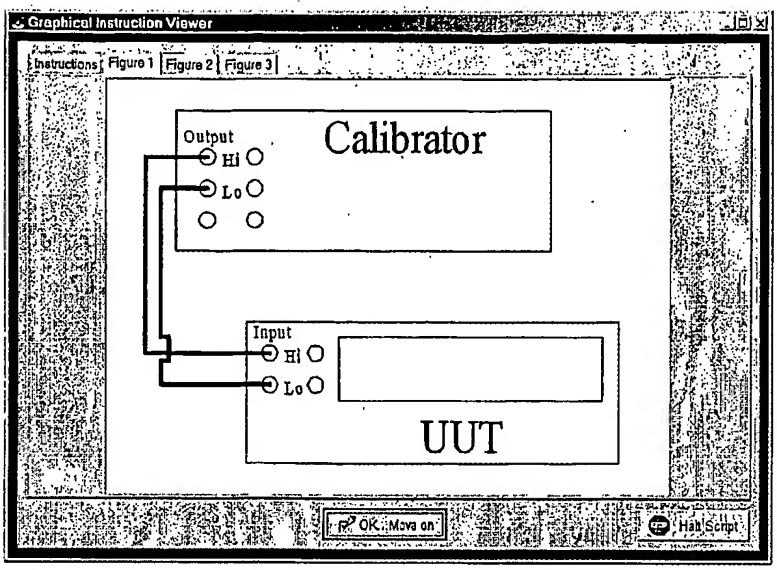
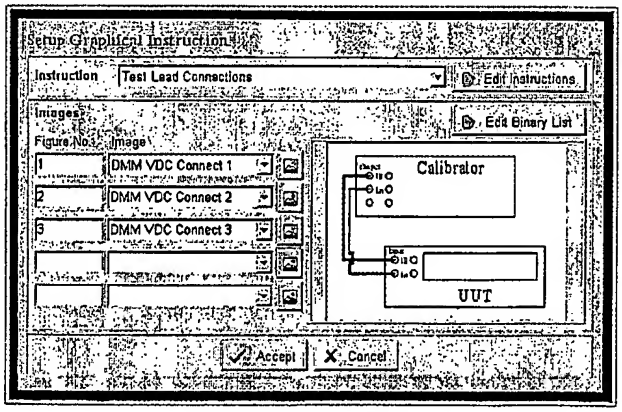


Figure 60



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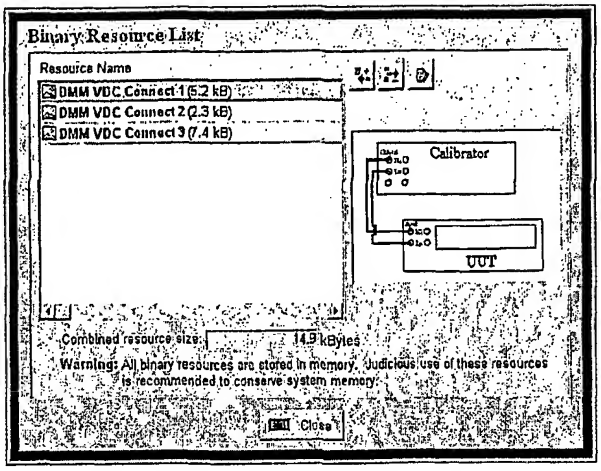
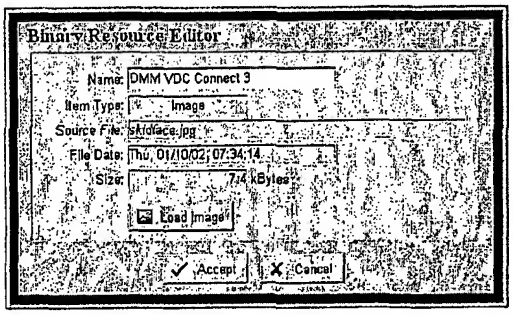


Figure 62



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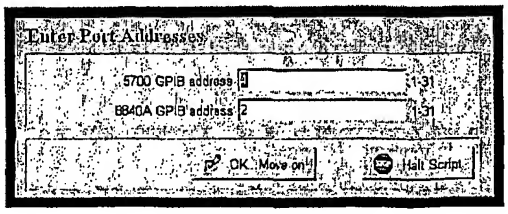

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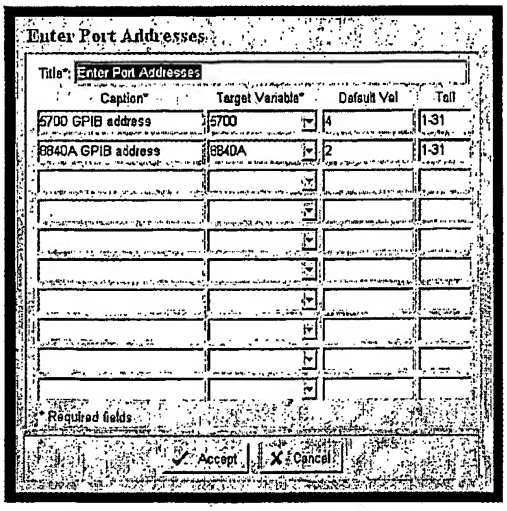

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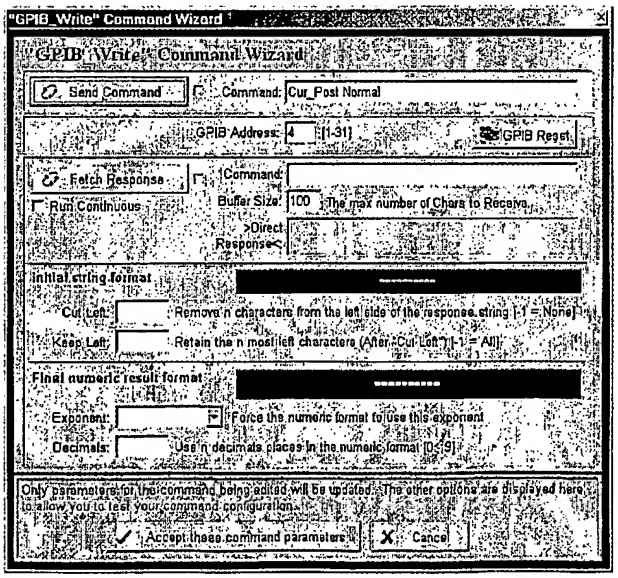
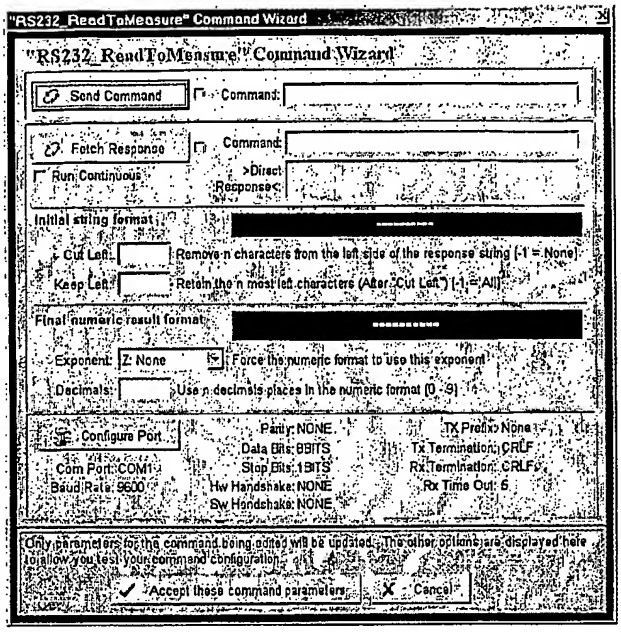


Figure 66



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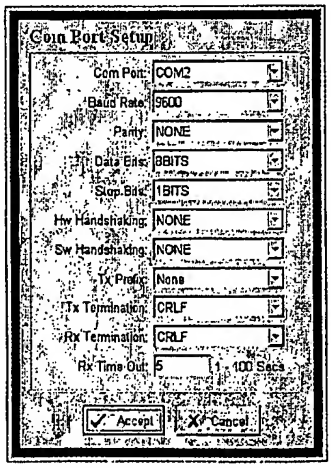

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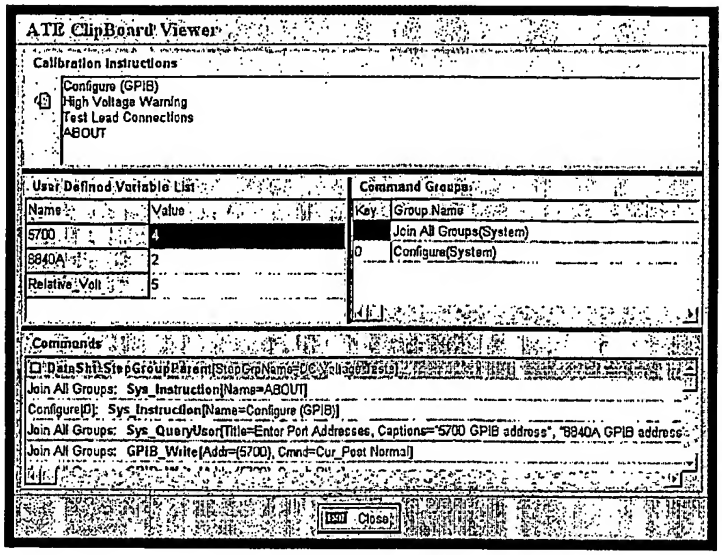

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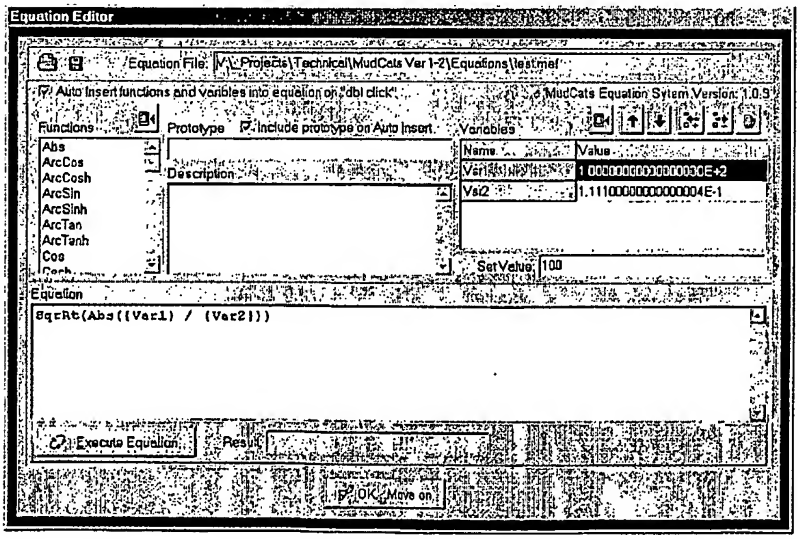
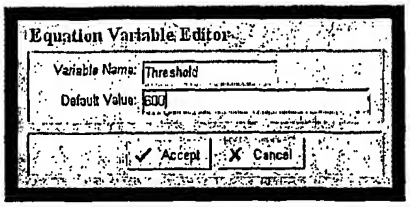


Figure 70



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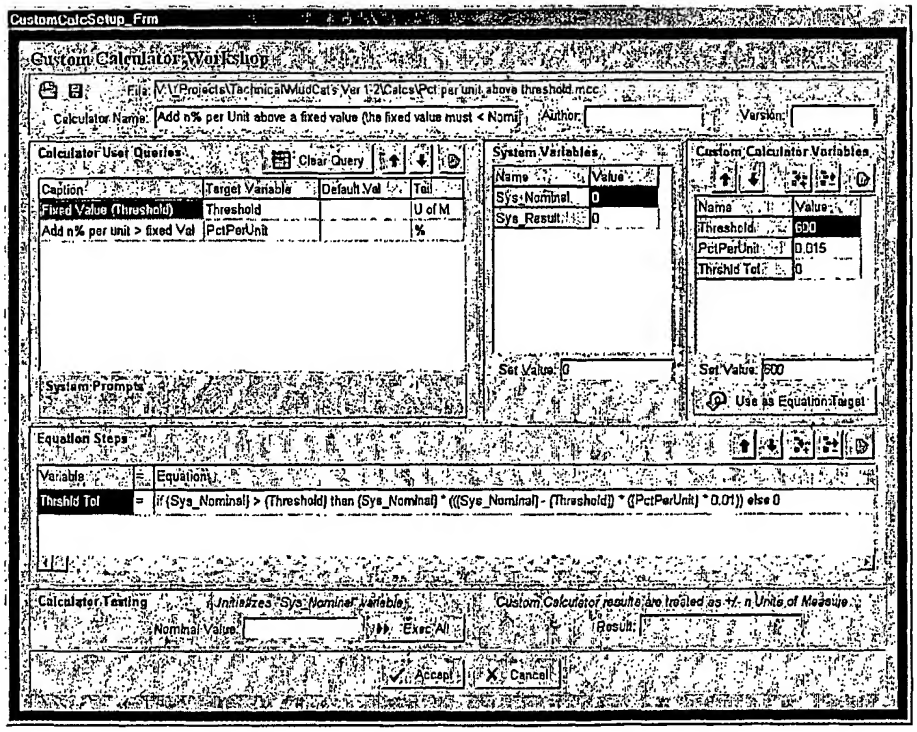

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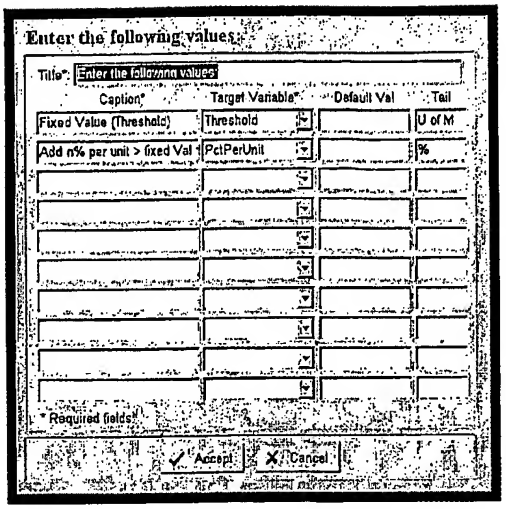
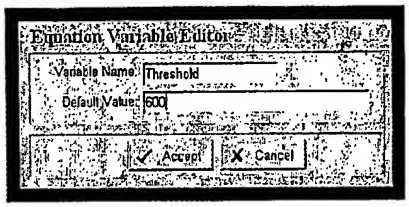


Figure 73



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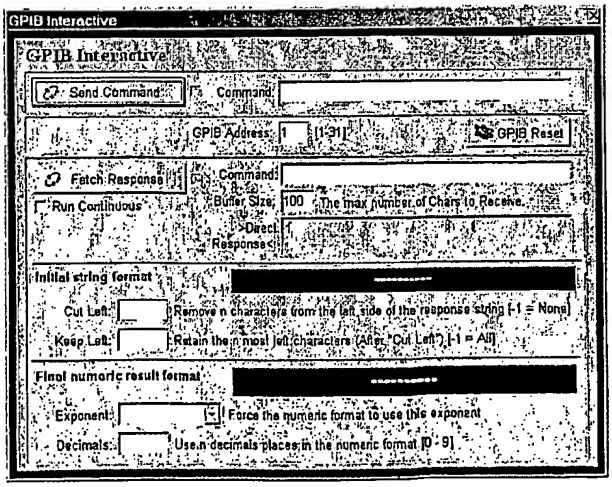

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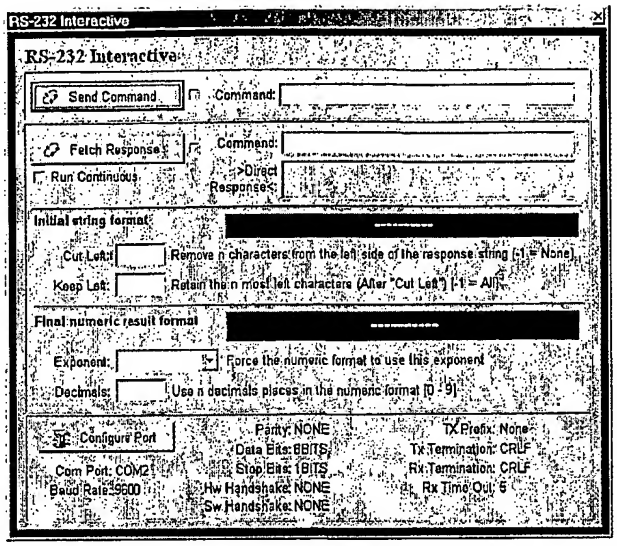

Figure 76

Figure 77

Figure 78

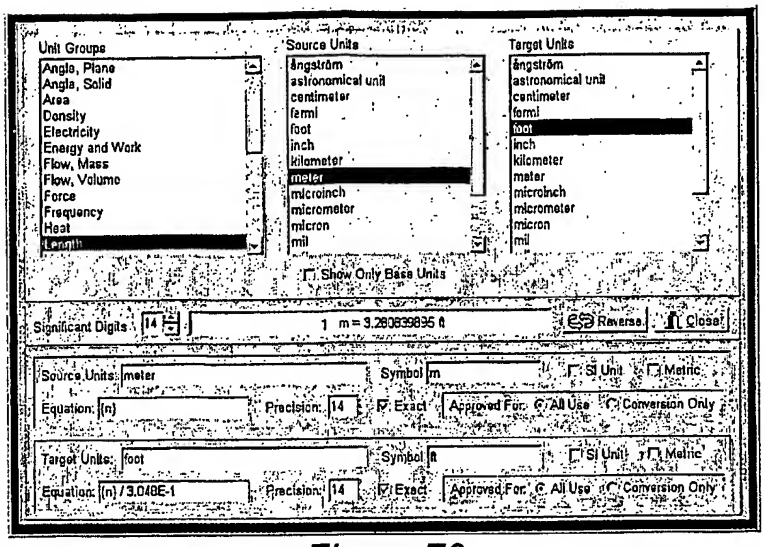
Unit Groups
Angle, Plane
Angle, Solid
Area
Density
Electricity
Energy and Work
Flow, Mass
Flow, Volume
Force
Frequency
Heat
Length
Source Units
ångström
astronomical unit
centimeter
fermi
foot
inch
kilometer
meter
microinch
micrometer
micron
mil
Target Units
ångström
astronomical unit
centimeter
fermi
foot
inch
kilometer
meter
microinch
micrometer
micron
mil
Show Only Base Units
Significant Digits 14
1 m = 3.280839895 ft
Reverse
Close
Source Units: meter
Symbol m
SI Unit
Metric
Equation: [n]
Precision: 14
Exact
Approved For: All Use
Conversion Only
Target Units: foot
Symbol ft
SI Unit
Metric
Equation: [n] / 3.048E-1
Precision: 14
Exact
Approved For: All Use
Conversion Only

Figure 79

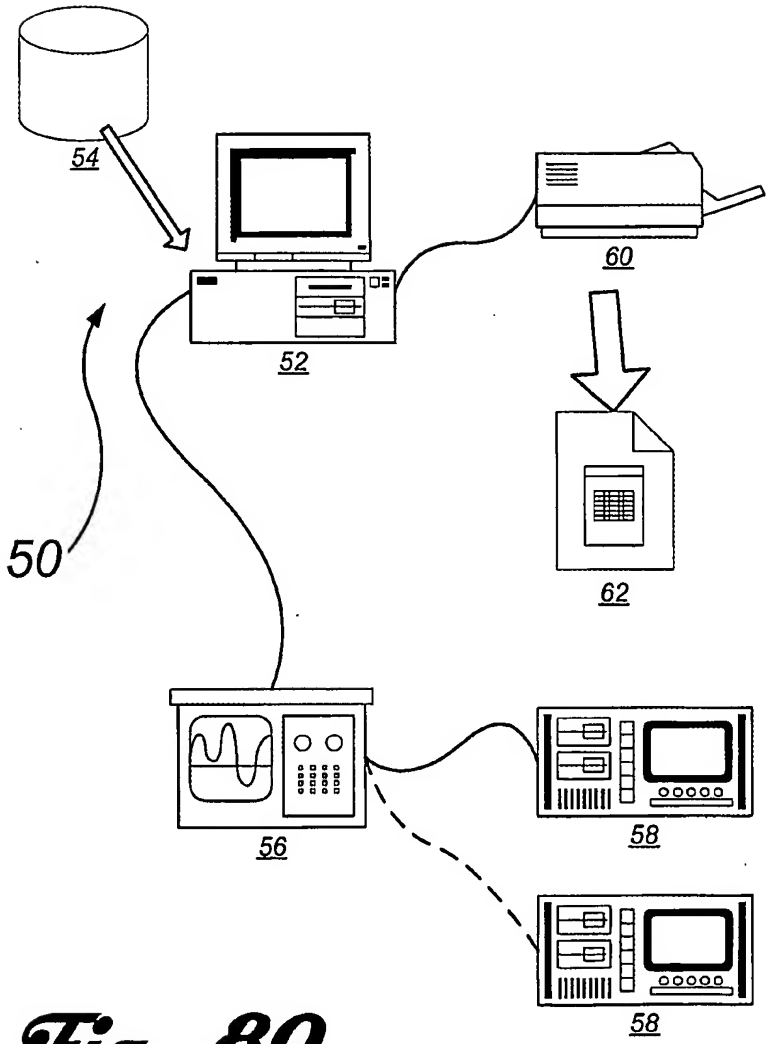

Fig. 80

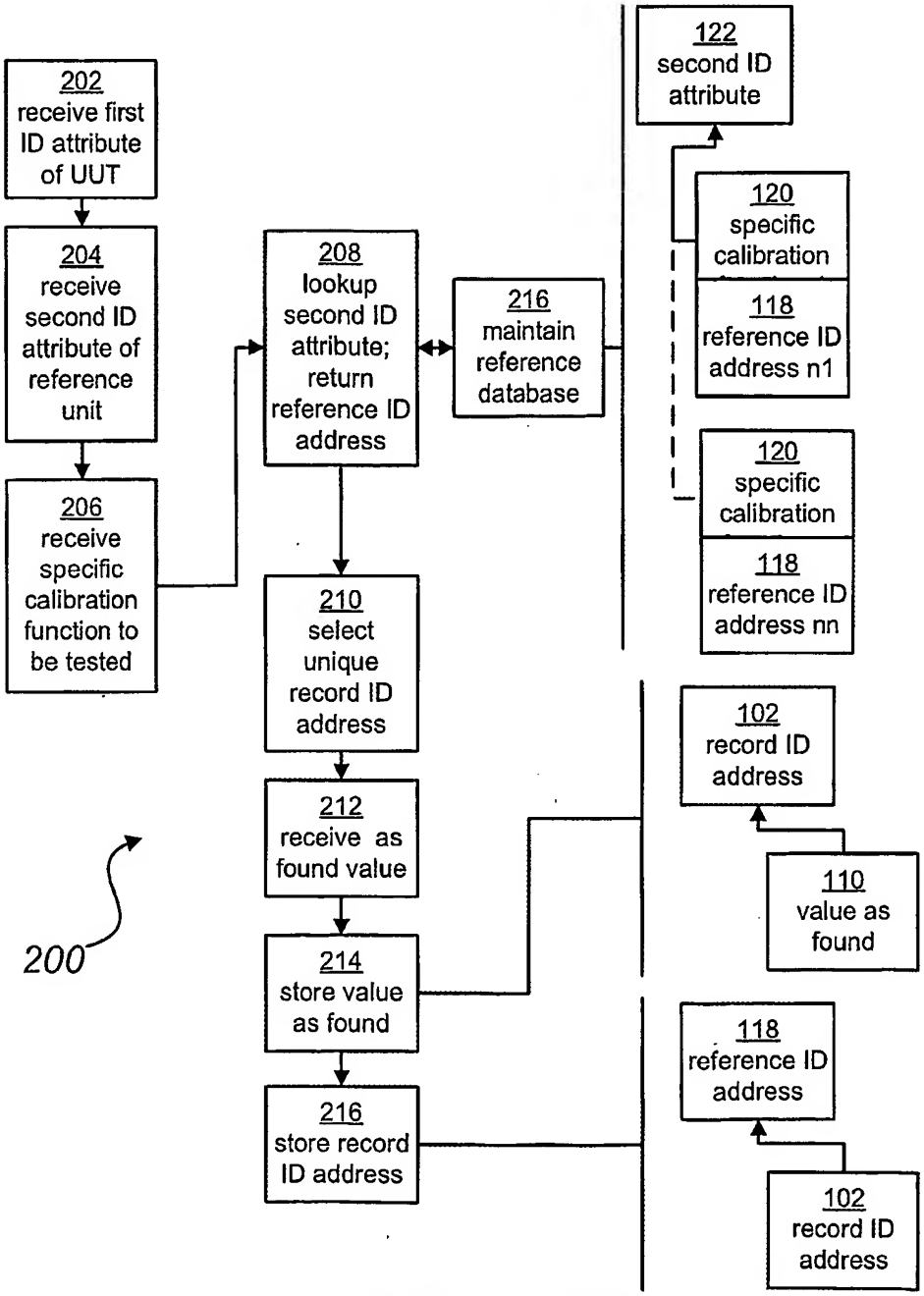
202
receive first ID attribute of UUT
204
receive second ID attribute of reference unit
206
receive specific calibration function to be tested
208
lookup second ID attribute; return reference ID address
216
maintain reference database
122
second ID attribute
120
specific calibration
118
reference ID address n1
120
specific calibration
118
reference ID address nn
210
select unique record ID address
212
receive as found value
214
store value as found
216
store record ID address
102
record ID address
110
value as found
118
reference ID address
102
record ID address
200

Fig. 81

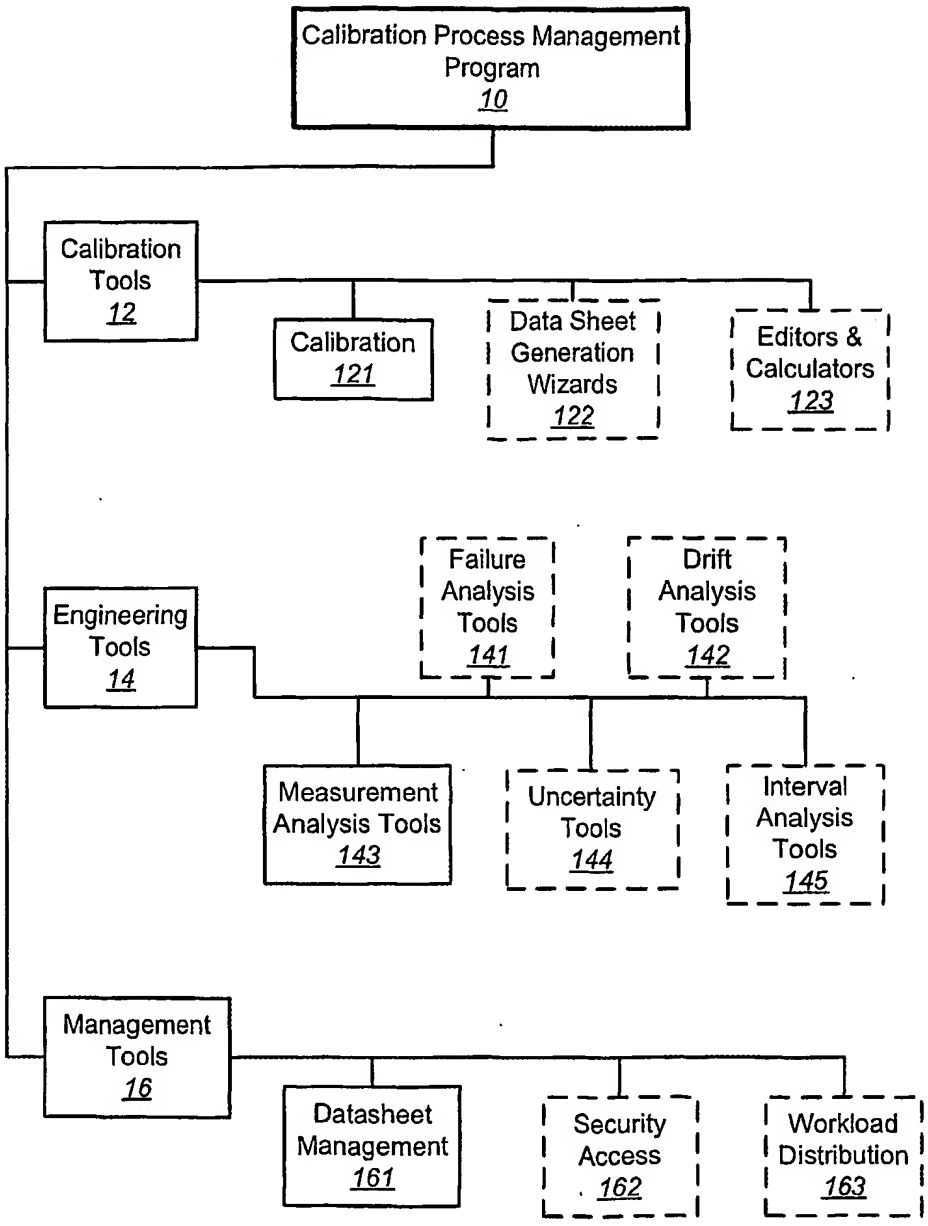
Calibration Process Management Program
10
Calibration Tools
12
Calibration
121
Data Sheet Generation Wizards
122
Editors & Calculators
123
Engineering Tools
14
Failure Analysis Tools
141
Drift Analysis Tools
142
Measurement Analysis Tools
143
Uncertainty Tools
144
Interval Analysis Tools
145
Management Tools
16
Datasheet Management
161
Security Access
162
Workload Distribution
163

Fig. 82

Calibration Report

Test Number 372896
ID No. 8031008

Fluke 787 Process Meter

STEP NUM	FUNCTION TESTED	NOMINAL VALUE	AS FOUND	AS LEFT	Out of Tol	CALIBRATION TOLERANCE
	DC Voltage 400.0 mV Range	0.0 mV	0.0			-0.1 to 0.1 mV
	DC Voltage 400.0 mV Range	390.0 mV	390.0			389.6 to 390.4 mV
	4.000 V Range	1.000 V	1.000			0.998 to 1.002 V
	"	2.000 V	2.000			1.997 to 2.003 V
	"	3.000 V	3.000			2.996 to 3.004 V
	"	3.900 V	3.900			3.896 to 3.904 V
	40.00 V Range	39.00 V	39.00			38.96 to 39.04 V
	400.0 V Range	390.0 V	390.0			389.6 to 390.4 V
	1000 V Range	900 V	900			899 to 901 V
	AC Voltage 400.0 mV Range 45 Hz	380.0 mV	376.4			375.1 to 384.9 mV
	AC Voltage 400.0 mV Range 60 Hz	380.0 mV	379.7			377.0 to 383.0 mV
	500 Hz	380.0 mV	369.7			353.0 to 407.0 mV
	4.000 V Range 45 Hz	3.800 V	3.784			3.751 to 3.849 V
	60 Hz	3.800 V	3.794			3.770 to 3.830 V
	500 Hz	3.800 V	3.692			3.530 to 4.070 V
	40.00 V Range 45 Hz	38.00 V	37.84			37.51 to 38.49 V

Remarks: Source document M007398.
1 year 18° to 28°C specifications.

Fig. 83